

FIG. 1

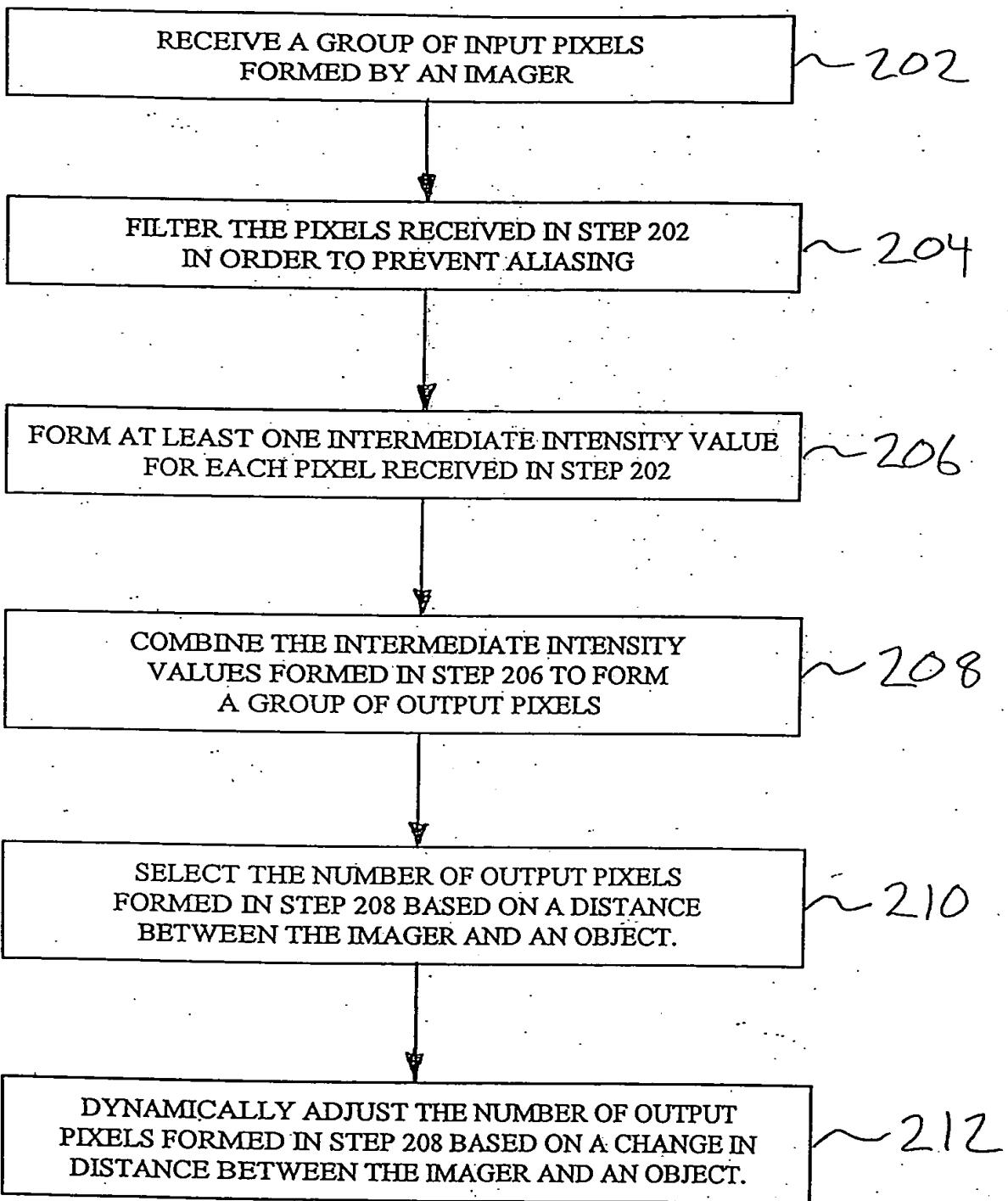
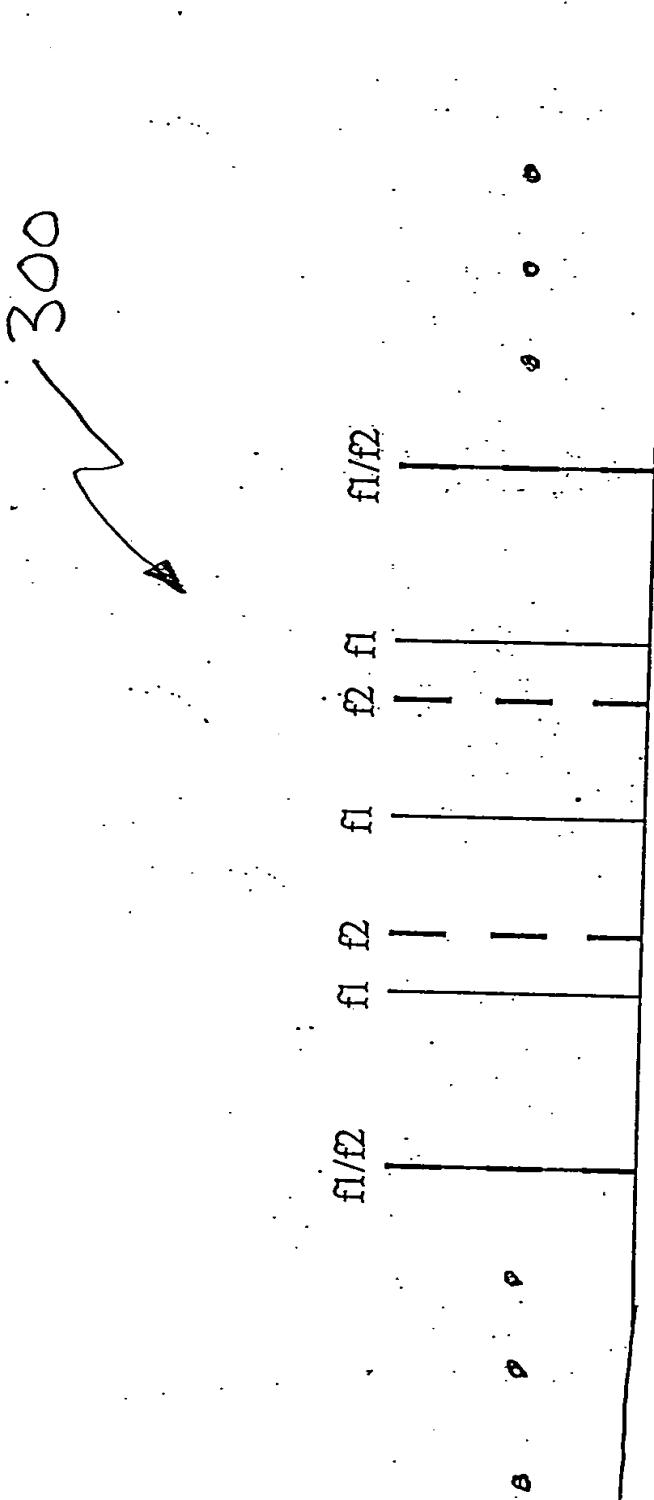
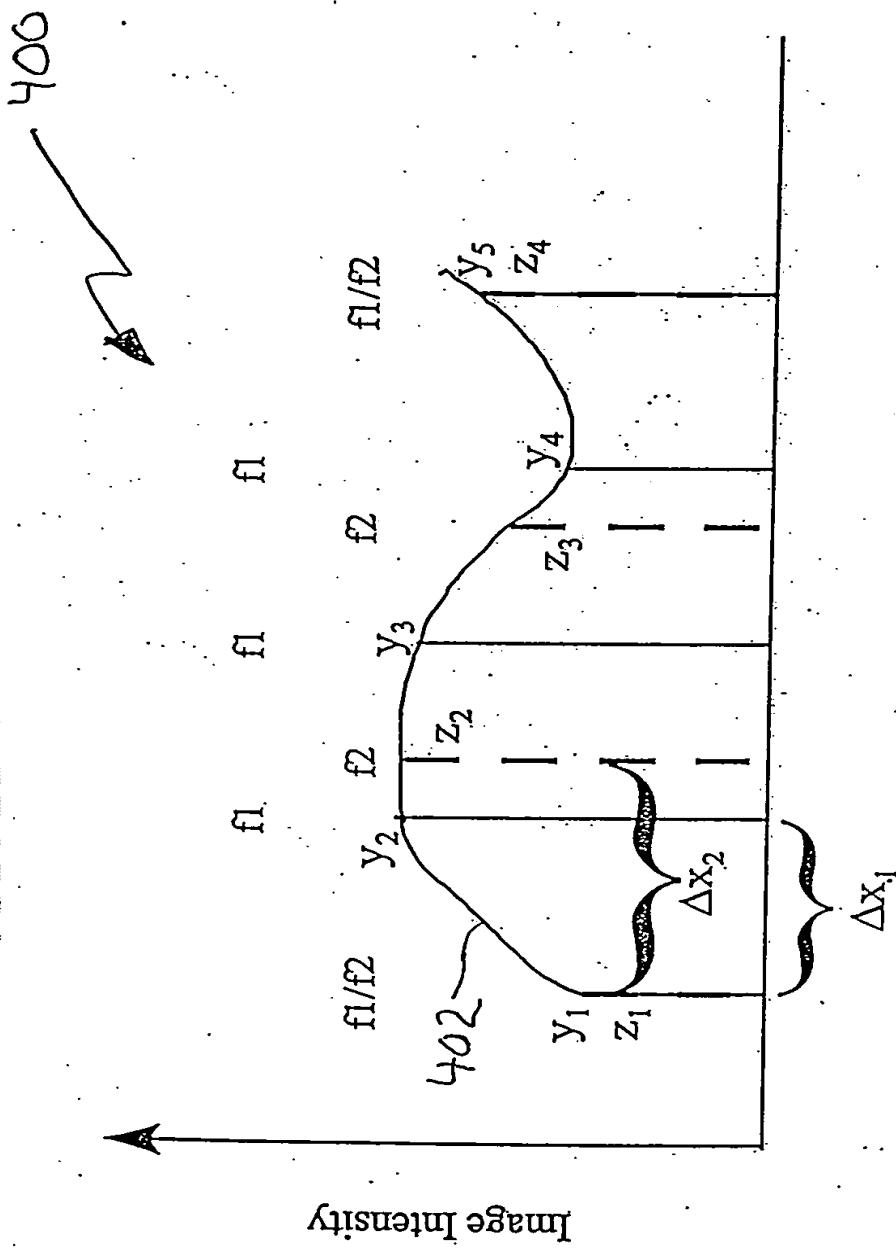


FIG. 2

Fig. 3





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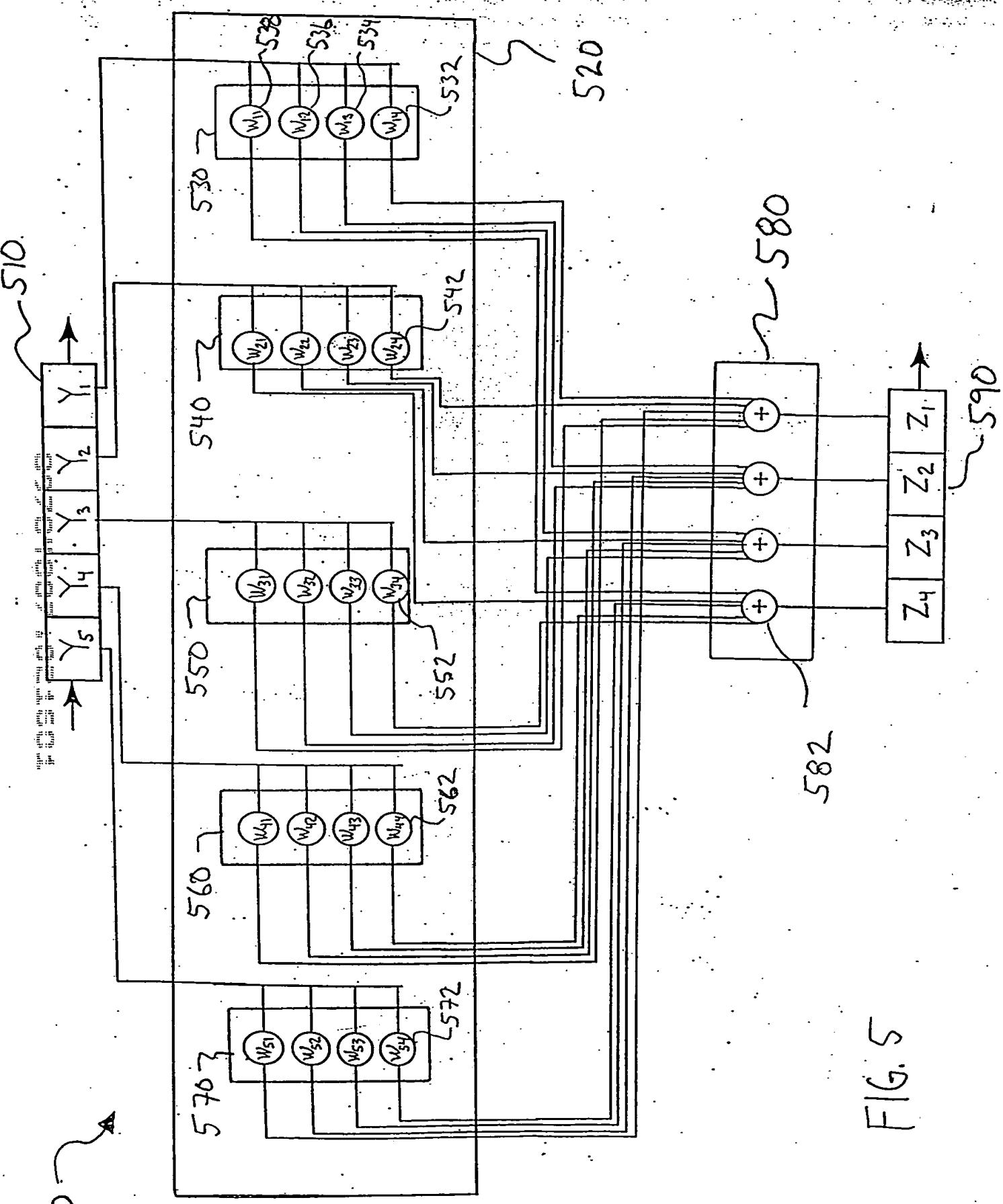
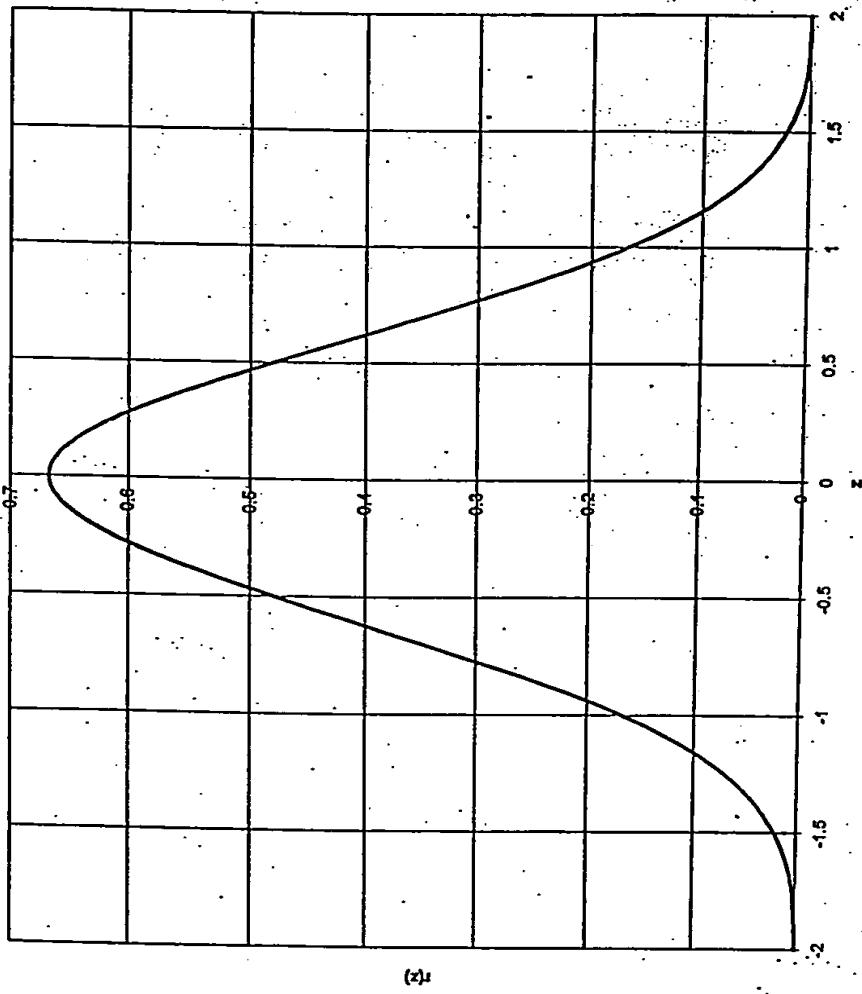


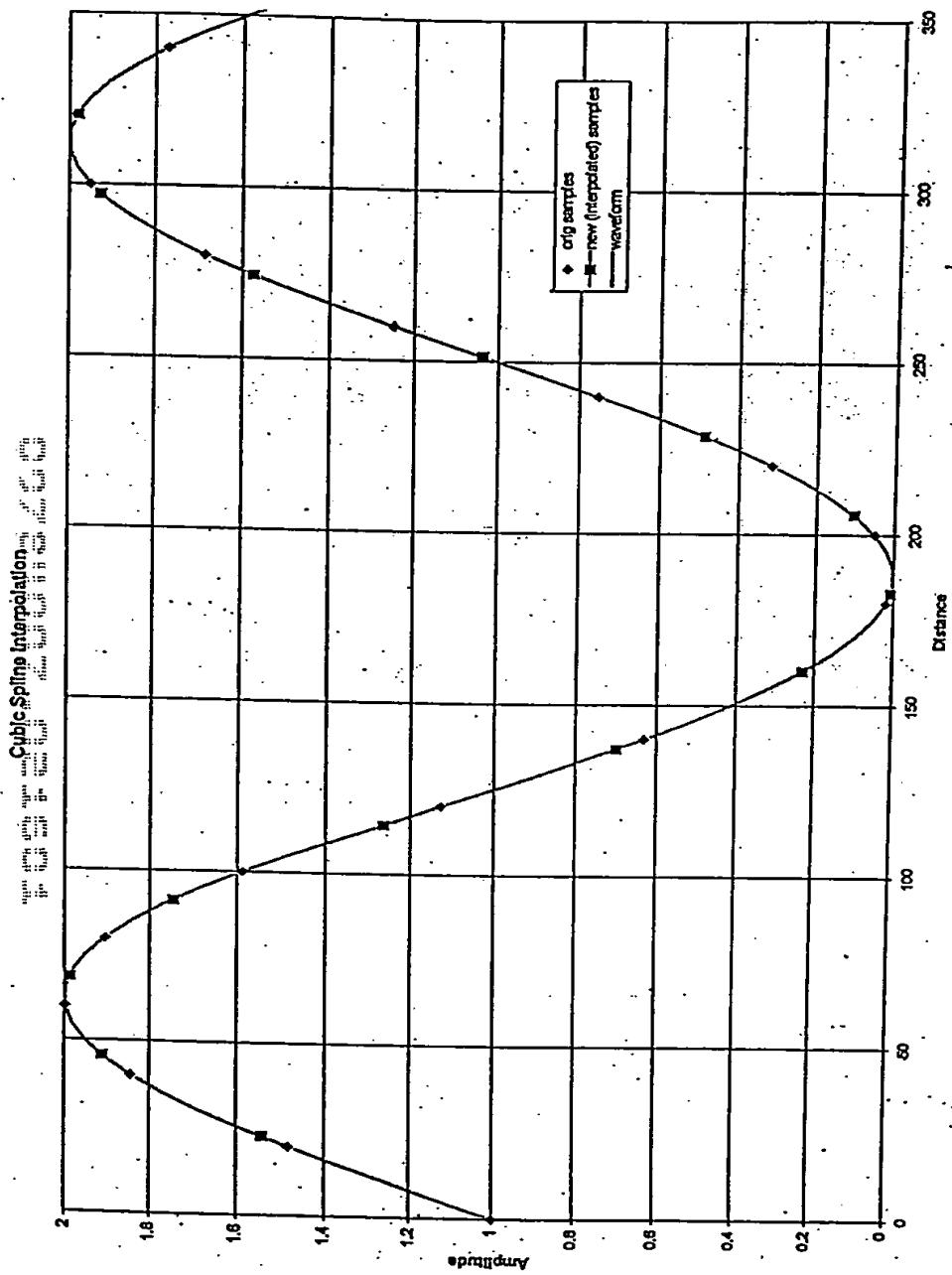
FIG. 5

Cubic B-Spline



F16.6

FIG. 7



✓ 810

Y_{19}	Y_{18}	Y_{17}	Y_{16}	Y_{15}	Y_{14}	\dots	\dots	\dots	\dots	\dots	\dots	Y_5	Y_4	Y_3	Y_2	Y_1	Y_0
C_{19}	C_{18}	C_{17}	C_{16}	C_{15}	C_{14}							C_5	C_4	C_3	C_2	C_1	C_0

FIG. 8A

✓ 810

Y_{35}	Y_{34}	Y_{33}	Y_{32}	Y_{31}	Y_{30}	\dots	\dots	\dots	\dots	\dots	\dots	Y_{21}	Y_{20}	Y_{19}	Y_{18}	Y_{17}	Y_{16}
C_{19}	C_{18}	C_{17}	C_{16}	C_{15}	C_{14}							C_5	C_4	C_3	C_2	C_1	C_0

FIG. 8B

✓ 810

Y_{51}	Y_{50}	Y_{49}	Y_{48}	Y_{47}	Y_{46}	\dots	\dots	\dots	\dots	\dots	\dots	Y_{37}	Y_{36}	Y_{35}	Y_{34}	Y_{33}	Y_{32}
C_{19}	C_{18}	C_{17}	C_{16}	C_{15}	C_{14}							C_5	C_4	C_3	C_2	C_1	C_0

FIG. 8C

900

RETRIEVE AN IMAGE HAVING AN INITIAL RESOLUTION FROM A MEMORY, THE IMAGE COMPRISING A FIRST AND SECOND ORIGINAL PIXEL HAVING AN INITIAL INTENSITY VALUE

2910

FORM A FIRST INTERMEDIATE INTENSITY VALUE FROM THE FIRST ORIGINAL PIXEL BASED ON THE INITIAL INTENSITY VALUE OF THE FIRST ORIGINAL PIXEL AND THE VALUE OF A FIRST WEIGHTING FACTOR

2920

FORM A SECOND INTERMEDIATE INTENSITY VALUE FROM THE SECOND ORIGINAL PIXEL BASED ON THE INITIAL INTENSITY VALUE OF THE SECOND ORIGINAL PIXEL AND THE VALUE OF A SECOND WEIGHTING FACTOR

2930

COMBINE THE FIRST AND SECOND INTERMEDIATE INTENSITY VALUES TO FORM AN INTERPOLATED PIXEL

2940

REPEAT STEPS 920 THROUGH 940 FOR ADDITIONAL PIXELS OF THE IMAGE TO FORM A COPY OF THE IMAGE HAVING A RESOLUTION THAT IS DIFFERENT THAN THE INITIAL RESOLUTION

2950

FIG. 9